

PI 589000. *Malus domestica* Borkh.

Kendall. Pedigree - Zusoff x McIntosh; crossed 1912; introduced 1932. Comments:: Fruit: size large 75-80 mm; skin 90% dard red, blushed, heavy waxy bloom; shape round-oblate; flesh firm, nearly white, greenish tinge; flavor subacid, McIntosh-like aroma; eating quality fair; harvest season early October, 1 wk. before Delicious. Tree: vigorous; productive; biennial cropping. Resembles McIntosh.

The following were donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589001. *Malus domestica* Borkh.

Winter Sweet Paradise. Pedigree - Unknown; recorded 1842. Comments:: Fruit: size above medium, 70-80 mm; skin 90-100% red, dark stripes; shape round-oblate; flesh firm, light yellow; flavor sweet; eating quality fair; harvest season late October, 3 wks after Delicious. Tree: productive; annual bearing. Fully red, late, sweet. R.D. Way, 1992.

The following were developed by Missouri State fruit Expt. Sta., Mountain Grove, Missouri, United States. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589002. *Malus domestica* Borkh.

Jonagram. Pedigree - Ingram x Jonathan; crossed 1923; introduced 1956. Comments:: Fruit: medium to large, larager than Jonathan; roundish; stem thick, of medium length; skin thin, tough, smooth, pale bright yellow overlaid with red, faint strip on some fruits which have less color, dots small; flesh whiter than Jonathan but not as white as Ingram, firm, fine-grained, juicy, crisp, tender, subacid; keeps well in storage; matures about Sept. 5 in southern Mo., at Jonathan time. Tree: most outstanding characteristic is its late blooming habit, about 12 days after Jonathan and Delicious and 6 days after Golden Delicious and Rome Beauty. Resembles Jonathan.

The following were donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589003. *Malus x robusta* (Carriere) Rehder

Korea. Comments:: Flowers: white. Fruit: 25-30 mm; 90% attractive pink; round. Tree: vigorous. Flowering crab apple.

The following were developed by Canada Department of Agriculture, Central Experiment Farm, Ottawa, Ontario, Canada. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 06/24/1985.

PI 589004. *Malus domestica* Borkh.

Hunter Sandow 2-4-4. Pedigree - Colchicine-induced tetraploid form of Sandow; about 1956. Comments:: Fruit: size very large; 85-100 mm; 50-70% red, dull stripes shape oblate; flesh light yellow, bitter pit; flavor slightly acid; eating quality fair; harvest season late September, 2 wks before Delicious, ripens unevenly. Tree: very vigorous; very nonprecocious; very unproductive; fruit dro before they ripen. Tetraploid sandow.